Gold-Weather Casualties and Injuries Chart

In Cold Weather:

Train soldiers on the proper use of cold weather clothing

Keep socks clean and dryAvoid tight socks and boots

- Maintain adequate hydration and ensure nutritional requirements are met
- Remember the acronym C-O-L-D when wearing clothing in cold weather (C: Keep it Clean; O: avoid Overheating; L: wear clothing Loose and in layers; D: keep clothing Dry)

Immersion foot (trench foot) Chilblain Cause Prolonged exposure of feet to wet conditions at Repeated exposure of exposed skin for prolonged periods Cause 32°- 60°F. Inactivity and damp socks and boots from 20°- 60°F with high humidity (for those not acclimated to (or tightly laced boots that impair circulation) cold weather) speed onset and severity Symptoms Swollen, red skin (or darkening of the skin in dark-skinned soldiers) Tender, hot skin, usually accompanied by itching Symptoms Cold, numb feet may progress to hot w/shooting pains Swelling, redness, and bleeding first•Aid Warm affected area with direct body heat fırst•Aıd Do not massage or rub affected areas Get medical help immediately Do not wet the area or rub it with snow or ice Rewarm feet by exposing them to warm air Do not expose affected area to open fire, stove, or any other Do not allow victim to walk on injury intense heat source Evacuate victim to a medical facility Do not massage, rub, moisten, or expose affected area to extreme Prevention Use contact gloves to handle all equipment; never use heat bare hands Prevention Use approved gloves to handle all fuel and POL* products Keep feet clean and dry; change wet or damp socks as soon • In extreme cold environments, do not remove clothing immediately as possible after heavy exertion (PT); wait until you are in a warmer location Wipe the inside of Vapor Barrier boots dry at least once per day, or Never wear cotton clothing in cold-weather environments more often as feet sweat Dry leather boots by stuffing with paper towels Hypothermia Additional Medical Considerations in the Cold Weather environment Cause Prolonged cold exposure and body-heat loss. May occur at Dehydration temperatures above freezing, especially when a person's skin or clothing is wet Cause Depletion of body fluids Symptoms Shivering may or may not be present Symptoms Dizziness Drowsiness, mental slowness, lack of coordination that could Weakness progress to unconsciousness, irregular heartbeat, and death Blurred vision first+Aid Get the soldier to a medical facility as soon as possible, because first-Aid Replace lost water. Water should be sipped, not gulped hypothermia is the most serious cold exposure medical emergency Get medical treatment and can lead to death Prevention Consume 3-6 quarts of water per day at a minimum Never assume someone is dead until determined by a medical authority, even if a victim is cold and not breathing Remove wet clothing and wrap victim in blankets or a Snow Blindness sleeping bag Place another person in sleeping bag as an additional Cause Burning of the cornea of the eye by exposure to intense UV heat source rays of the sun in a snow-covered environment Minimize handling of the unconscious victim with a very low heartbeat so as to not induce a heart attack Symptoms • Pain, red, watery or gritty feeling in the eyes Prevention Never wear cotton clothing in cold-weather environments first+Aid Rest in total darkness; bandage eyes with gauze Anticipate the need for warming areas for soldiers exposed to cold, Evacuate if no improvement within 24 hours wet conditions Prevention Use sunglasses with side protection in a snow-covered frostbite environment Use improvised slit glasses if sunglasses are not available Cause Freezing of exposed skin, such as fingers, toes, ears, and other facial parts Carbon Monoxide Poisoning • Exposure of skin to metal, extremely cool fuel and POL*, wind chill, and tight clothing, particularly boots Cause Replacement of oxygen with carbon monoxide in the blood stream from burning fuels without proper ventilation Symptoms Numbness in affected area Symptoms Tingling, blistered, swollen, or tender areas Headache, confusion, dizziness, excessive yawning Cherry red lips and mouth (in light-skinned individuals); grayish tint Pale, yellowish, waxy-looking skin (grayish in dark-skinned soldiers) to lips and mouth (in dark-skinned individuals) Frozen tissue that feels wooden to the touch Unconsciousness first+Aid first+Aid • Evacuate immediately, because frostbite can lead to amputation Move to fresh air Start first-aid immediately. Warm affected area with direct body heat CPR if needed Administer oxygen if available Do not thaw frozen areas if treatment will be delayed Do not massage or rub affected areas Evacuate Do not wet the area or rub it with snow or ice Prevention Use only Army-approved heaters in sleeping areas and ensure that Do not expose affected area to open fire, stove, or any other personnel are properly licensed to operate the heaters intense heat source Never sleep in running vehicles Prevention Always post a fire guard when operating a heater in sleeping areas Use contact gloves to handle all equipment; never use bare hands Use approved gloves to handle all fuel and POL* products Never wear cotton clothing in cold-weather environments * POL - petroleum, oil, lubricants Keep face and ears covered and dry